

In September/October 2006, and May 2007, NYSDEC conducted radiological surveys of the interior and exterior of both properties on several occasions using both an Epixtronium-133 and Lutidium 2221 detectors [Ref. 13, pp. 3-4; 14, pp. 1-5; 15, pp. 1-2]. With the exception of an office area and storage space at 9540 Niagara Falls Boulevard that was constructed after the original building was located on top of the asphalt parking lot, interior radiation levels were relatively low [Ref. 13, pp. 1-2]. The maximum reading was 15.5 counts per minute (cpm) per hour (cp/h); elsewhere throughout the building, radiation levels generally ranged between 10 and 20 μ R/hr. [Ref. 13, pp. 1-4]. Exterior readings taken at waist height generally ranged between 10 and 20 μ R/hr. [Ref. 13, pp. 1-4]. Radiation levels were also measured at ground level (*i.e.*, at the ground surface) [Ref. 14, pp. 1-4]. At a fenced area behind the building located at 9540 Niagara Falls Boulevard, walk-thru readings ranged between 200 and 450 μ R/hr, and on-contact readings ranged between 400 and 750 μ R/hr [Ref. 14, pp. 1-4]. Elevator readings were also obtained and ranged of 400 to 750 μ R/hr [Ref. 14, pp. 1-4]. Readings were also taken on the adjacent property to the west that contains a hotel, and in the marshy area beyond the parking lot behind the buildings [Ref. 14, pp. 1-4]. Two soil samples of slag were collected from locations near the building. One detector reading was 1,000 cpm on the Epixtronium detector from an area of loose blacktop that indicated readings of 315,905 counts per minute (cpm) on the Lutidium detector, and one slag sample was collected in the marshy area that indicated readings of 728,235 cpm on the Lutidium detector [Ref. 13, pp. 3-4; 14, pp. 1-5; 15, pp. 1-2].